



Product Name: Multimin Chrome Injection for Cattle  
APVMA Approval No: 90447/128986

Label Name:	Multimin Chrome Injection for Cattle
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN FOR ANIMAL TREATMENT ONLY READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	40 g/L ZINC as Disodium zinc EDTA 15 g/L COPPER as Disodium copper EDTA 10 g/L MANGANESE as Disodium manganese EDTA 3 g/L SELENIUM as Sodium selenite 5 g/L CHROMIUM as Chromium chloride
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Claims:	<p>Chelated trace element injection for beef and dairy cattle deficient in and/or responsive to manganese, zinc, selenium, copper and/or chromium supplementation.</p> <p>Multimin Plus Chromium Injection for Cattle contains selenium, copper, zinc and manganese, which are required for optimal health, production and fertility. It also contains chromium which has a role in the regulation of glucose metabolism.</p> <p>Sub-optimum trace mineral status at calving, joining and drying off has been shown to negatively impact production, reproduction and health. Optimising trace element status relying solely on oral supplements is often not possible as a result of variation in individual intake and reduced absorption because of antagonism of other ration components and minerals to these essential trace elements. Using an injectable trace element supplement can improve trace mineral status at these critical times, promoting a healthy immune system, which is important in resisting disease, and having a positive impact on reproduction.</p> <p>Selenium has a role in: Normal Growth, Reproduction/Fertility, Preventing Cellular Oxidation, Placental Retention, Disease Resistance, Embryo Survival, Spermatogenesis and Muscle function.</p> <p>Zinc has a role in: Reproduction/fertility, Udder Function, Placental Retention, Disease Resistance, Hoof Health, Skin and Coat Health, Cell Division, Spermatogenesis, Lung function, General Growth and Metabolism, Bone and Cartilage Development and Wound Healing</p> <p>Copper has a role in: Reproduction/fertility, Placental Retention, Disease Resistance, Hoof Health, Blood Formation, Iron Metabolism, Bone Development and Maintenance of Elastic Connective Tissue.</p>
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Manganese has a role in: Reproduction/fertility, Ovulation, Disease Resistance, Embryo Survival, General Metabolism, Spermatogenesis, Protein Metabolism, Bone, Cartilage and Connective Tissue Development, Normal Blood Clotting, Maintaining Normal Growth and Lactation.

Chromium has a role in: Regulation of Glucose, Fat and Protein Metabolism, Immune Function and Stress Mitigation. Response to chromium supplementation will however, vary depending on individual production situation.

Net Contents: 500mL and 1000mL

Directions for Use:

Restraints:

Contraindications: This product is contraindicated for use when selenium intake from pasture is high or selenium is provided by other means (such as top dressing, vaccine, pellets or selenium drenches) or if blood selenium levels at treatment are high. Users can determine selenium status by consulting their veterinarian.

Excessive copper is toxic. This product is contraindicated for use unless clinical or subclinical copper deficiency is confirmed.

This product is contraindicated for use in animals that are dehydrated or unwell.

Precautions: Use with caution. Use of the product in overdose (over 2x the label dose), may cause toxicity and death.

Do not administer to severely debilitated or stressed animals.

Do not treat thirsty or exhausted cattle. Allow animals access to water after treatment.

Do not administer to animals suffering from liver disease.

Minerals such as copper, cobalt, selenium, iron, manganese and molybdenum compete with each other for metabolically important processes in the animal. Users should seek veterinary advice before treatment.

Side Effects: Slight local swelling may occur about 30 seconds after injection.

A slight swelling may be observed for a few days after administration.

Dosage and Administration: Use the contents within 9 months of first broaching of the container, with a maximum of 3 broachings over this period. Discard the unused portion.

Use in cattle only by subcutaneous injection.

WARNING: THIS PRODUCT MUST NOT BE APPLIED AT A RATE GREATER THAN THE AMOUNT SHOWN ON THE LABEL OR WITHIN 2 MONTHS OF THE PREVIOUS DOSE.

Dose rate:  
Calves up to one year: 1 mL / 50 kg

Cattle 1 to 2 years: 1 mL / 75 kg Cattle over 2 years: 1 mL / 100 kg
Supplementation Program: Feedlot cattle At or before backgrounding and induction
Beef cattle 4 weeks before transport or slaughter
Beef cows 4 weeks before joining or insemination 4 weeks before calving
Dairy cows 4 weeks before calving or at dry off 4 weeks before joining or insemination
Calves At marking At weaning
Heifers Every 3 months 4 weeks before calving
All classes Every 2 months in wet conditions When high environmental temperature is anticipated, every 3 months if heat stress conditions persist.
<b>Caution: avoid carcass damage:</b> 1. Sterilise all injection apparatus by boiling (or equivalent) before use. Avoid use of strong disinfectants on apparatus. 2. Maintain cleanliness at all times. 3. Keep needles sharp and clean. Replace frequently. 4. Use shortest needles possible, certainly not exceeding 15 mm. 5. As far as possible avoid injection of animals during wet weather or under dusty conditions. 6. This product should be injected only under the skin. 7. If possible, inject high on the neck behind the ear.

General Directions:	Wash injection equipment in clean water immediately following use.  Check the accuracy of the applicator before and during treatment.
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Withholding Periods:	MEAT: Zero (0) days MILK: Zero (0) days
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Trade Advice:	EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days.
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Safety Directions:	May irritate the eyes and skin. Avoid contact with eyes and skin. When using the product, ensure use of appropriate injection equipment. Wash hands after use.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.
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If in eyes, wash out immediately with water.

First Aid Warnings:

Additional User Safety:  
May cause allergic reactions in sensitive individuals.  
Accidental self-injection should be avoided.  
Additional information is in the Safety Data Sheet.

Environmental Statements:

Disposal:  
Dispose of container by wrapping with paper and putting in garbage.  
Discarded needles/sharps should immediately be placed in a designated and appropriately labelled 'sharps' container.

Storage:  
Store below 30°C (room temperature).  
Do not freeze. Protect from Light.